

Ranking Pool Report

Ranking High Tunnel Genesee and Wayne Counties -
Pool ACT NOW FY 2025 Michigan

Program EQUIP

Pool Status Active

Tags ACT NOW

Template EQUIP General National Ranking Template -
Amended October 2023

Template Status Active

Existing Practice Included No

Last Modified By Justine Reid

Last Modified 01/21/2025

National Pool No

Include States MI (Admin)

Land Uses and Modifiers

Land Use	Grazed	Wildlife	Irrigated	Hayed	Drained	Organic	Water Feature	Protected	Urban	Aquaculture
Associated Ag Land	--	--	--	--	N/A	--	--	--	--	--
Crop	--	--	--	--	--	--	--	--	--	--
Farmstead	--	--	--	N/A	N/A	--	--	--	--	--

Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	0	6	100
Aquatic habitat	0	5	100
Concentrated erosion	0	8	100
Degraded plant condition	0	6	100
Field pesticide loss	0	5	100
Field sediment, nutrient and pathogen loss	0	8	100
Fire management	0	4	100
Inefficient energy use	0	4	100
Livestock production limitation	0	6	100
Pest pressure	0	6	100
Salt losses to water	0	4	100
Soil quality limitations	0	8	100
Source water depletion	0	4	100
Storage and handling of pollutants	0	8	100
Terrestrial habitat	0	6	100

Categories

Category	Min %	Default %	Max %
Weather resilience	0	4	100
Wind and water erosion	0	8	100

Air quality emissions

Resource Concern	Min %	Default %	Max %
Emissions of airborne reactive nitrogen	0	20	100
Emissions of greenhouse gases - GHGs	0	20	100
Emissions of ozone precursors	0	20	100
Emissions of particulate matter (PM) and PM precursors	0	20	100
Objectionable odor	0	20	100

Aquatic habitat

Resource Concern	Min %	Default %	Max %
Aquatic habitat for fish and other organisms	0	50	100
Elevated water temperature	0	50	100

Concentrated erosion

Resource Concern	Min %	Default %	Max %
Bank erosion from streams, shorelines or water conveyance channels	0	30	100
Classic gully erosion	0	35	100
Ephemeral gully erosion	0	35	100

Degraded plant condition

Resource Concern	Min %	Default %	Max %
Plant productivity and health	0	50	100
Plant structure and composition	0	50	100

Field pesticide loss

Resource Concern	Min %	Default %	Max %
Pesticides transported to groundwater	0	50	100
Pesticides transported to surface water	0	50	100

Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	0	20	100
Nutrients transported to surface water	0	20	100

Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater	0	20	100
Pathogens and chemicals from manure, biosolids or compost applications transported to surface water	0	20	100
Sediment transported to surface water	0	20	100

Fire management

Resource Concern	Min %	Default %	Max %
Wildfire hazard from biomass accumulation	0	100	100

Inefficient energy use

Resource Concern	Min %	Default %	Max %
Energy efficiency of equipment and facilities	0	50	100
Energy efficiency of farming/ranching practices and field operations	0	50	100

Livestock production limitation

Resource Concern	Min %	Default %	Max %
Feed and forage balance	0	35	100
Inadequate livestock shelter	0	30	100
Inadequate livestock water quantity, quality and distribution	0	35	100

Pest pressure

Resource Concern	Min %	Default %	Max %
Plant pest pressure	0	100	100

Salt losses to water

Resource Concern	Min %	Default %	Max %
Salts transported to groundwater	0	50	100
Salts transported to surface water	0	50	100

Soil quality limitations

Resource Concern	Min %	Default %	Max %
Aggregate instability	0	15	100
Compaction	0	20	100
Concentration of salts or other chemicals	0	15	80
Organic matter depletion	0	20	100
Soil organism habitat loss or degradation	0	20	100

Soil quality limitations

Resource Concern	Min %	Default %	Max %
Subsidence	0	10	100

Source water depletion

Resource Concern	Min %	Default %	Max %
Groundwater depletion	0	35	90
Inefficient irrigation water use	0	35	90
Surface water depletion	0	30	90

Storage and handling of pollutants

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	0	25	100
Nutrients transported to surface water	0	25	100
Petroleum, heavy metals and other pollutants transported to groundwater	0	25	100
Petroleum, heavy metals and other pollutants transported to surface water	0	25	100

Terrestrial habitat

Resource Concern	Min %	Default %	Max %
Terrestrial habitat for wildlife and invertebrates	0	100	100

Weather resilience

Resource Concern	Min %	Default %	Max %
Drifted snow	0	20	100
Naturally available moisture use	0	20	100
Ponding and flooding	0	20	100
Seasonal high water table	0	20	100
Seeps	0	20	100

Wind and water erosion

Resource Concern	Min %	Default %	Max %
Sheet and rill erosion	0	50	100
Wind erosion	0	50	100

Practices

Practice Name	Practice Code	Practice Narratives	Practice Type
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Practice Name	Practice Code	Practice Narratives	Practice Type
High Tunnel System	325	00N	Conservation Practices

Ranking Weights

Factors	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Default	10	10	40
Planned Practice Effects	Adjustment (D)	15	15	15
Resource Priorities	Default	20	50	60
Program Priorities	Default	5	15	15
Efficiencies	Default	10	10	10

Display Group: High Tunnel Genesee and Wayne Counties - ACT NOW FY 2025 Michigan (Active)



An asterisk will be displayed to show that it is a conditional section or conditional question.

Survey: Applicability Questions

Section: Applicability Questions		
Question	Answer Choices	Points
Does the application include a high tunnel in Wayne or Genesee county?	YES	--
	NO	--

Survey: Category Questions

Section: Category Questions		
Question	Answer Choices	Points
Which county are the planned land units in?	Genesee	--
	Wayne	--

Survey: Program Questions

Section: Program Questions		
Question	Answer Choices	Points
Will any of the conservation practices in this application be installed on lands protected by a Farm and Ranch Lands Protection Program (FRPP) easement or an Agricultural Conservation Easement Program-Agricultural Land Easement (ACEP-ALE)?	YES	10
	NO	0

Section: Program Questions

Question	Answer Choices	Points
Are any of the planned land units within a Michigan Department of Environment, Great Lakes, and Energy (MDEGLE)-designated impaired watershed?	YES	10
	NO	0

Survey: Resource Questions

Section: Resource Questions

Question	Answer Choices	Points
Will the high tunnel system be installed in an area designated as a food desert (Low Income and Low Accessibility at 1 & 10), per the USDA-Economic Research Service (ERS) Food Access Research Atlas?	YES	50
	NO	25
Is the application for a producer who is:	currently marketing their products through local food systems (schools, restaurants, farmer's markets, road-side stands, Community-Supported Agriculture markets, etc) to provide communities with greater food security?	50
	planning to market their products through local food systems (schools, restaurants, farmer's markets, road-side stands, Community-Supporting Agriculture markets, etc) to provide communities with greater food security?	50
	otherwise	25

Detailed Assessments

Name	Type	Jurisdiction	Status
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